

Title (en)
REMOTE DATA MIRRORING

Title (de)
DATENFERNKOPIERUNG

Title (fr)
COPIE TELECOMMANDEE DE DONNEES

Publication
EP 0695443 A4 19970827 (EN)

Application
EP 94914223 A 19940420

Priority
• US 9404326 W 19940420
• US 5203993 A 19930423

Abstract (en)
[origin: US5544347A] A data storage system which automatically provides and maintains identical secondary data on a preferably geographically remote secondary data storage device. The system includes a primary host computer located in the first geographic location which is coupled to a primary data storage system also located in the first geographic location. The primary data storage system includes at least one primary data storage device on which primary data is to be stored, and a primary data storage system controller which receives data from the primary host computer and controls the storing of the primary data on the primary data storage device. The primary data storage controller is coupled by high speed communication link to a secondary data storage system controller of a secondary data storage system, and coordinates the copying of the primary data to the secondary data storing system, and is responsive to an acknowledgement from the secondary data storage system controller of at least successful receipt of the primary data for updating the maintained list of the primary data to indicate that the copied primary data has been received by the secondary data storage system to be copied to the secondary data storage device.

IPC 1-7
G06F 12/16

IPC 8 full level
G06F 3/06 (2006.01); **G06F 11/14** (2006.01); **G06F 11/20** (2006.01); **G06F 12/00** (2006.01); **G06F 12/16** (2006.01); **G06F 13/00** (2006.01); **H04L 29/06** (2006.01); **G11B 20/12** (2006.01)

CPC (source: EP KR US)
G06F 3/0601 (2013.01 - EP US); **G06F 3/0608** (2013.01 - EP KR US); **G06F 3/061** (2013.01 - EP KR US); **G06F 3/0619** (2013.01 - EP KR US); **G06F 3/064** (2013.01 - EP KR US); **G06F 3/065** (2013.01 - EP KR US); **G06F 3/0661** (2013.01 - EP KR US); **G06F 3/0689** (2013.01 - EP KR US); **G06F 11/2066** (2013.01 - EP KR US); **G06F 11/2071** (2013.01 - EP US); **G06F 11/2074** (2013.01 - EP KR US); **G06F 11/2079** (2013.01 - EP KR US); **G06F 11/2082** (2013.01 - EP KR US); **G11B 20/1217** (2013.01 - KR); **H04L 9/40** (2022.05 - US); **H04L 67/1095** (2013.01 - EP KR US); **H04L 69/26** (2013.01 - KR); **H04L 69/40** (2013.01 - EP KR US); **G06F 2003/0697** (2021.05 - EP US); **G11B 20/1217** (2013.01 - EP US); **H04L 69/26** (2013.01 - EP US); **Y10S 707/99942** (2013.01 - KR US)

Citation (search report)
• [XY] US 5155845 A 19921013 - BEAL DAVID G [US], et al
• [Y] BURKES D L ET AL: "DESIGN APPROACHES FOR REAL-TIME TRANSACTION PROCESSING REMOTE SITE RECOVERY", COMPUTER SOCIETY INTERNATIONAL CONFERENCE (COMPCON), SPRING MEETING, LOS ALAMITOS, FEB. 26 - MAR. 2, 1990, no. CONF. 35, 26 February 1990 (1990-02-26), INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 568 - 572, XP000163748
• See references of WO 9425919A1

Cited by
CN106155563A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
US 5544347 A 19960806; AU 6638094 A 19941121; AU 684773 B2 19980108; DE 69426264 D1 20001214; DE 69426264 T2 20010315; EP 0695443 A1 19960207; EP 0695443 A4 19970827; EP 0695443 B1 20001108; JP 2790378 B2 19980827; JP H08509565 A 19961008; KR 100323903 B1 20020620; KR 960702127 A 19960328; US 2002147886 A1 20021010; US 2002194442 A1 20021219; US 2003005355 A1 20030102; US 2003167419 A1 20030904; US 2004073831 A1 20040415; US 2006005074 A1 20060105; US 5664144 A 19970902; US 5742792 A 19980421; US 5909692 A 19990601; US 5960216 A 19990928; US 6173377 B1 20010109; US 6185653 B1 20010206; US 6247046 B1 20010612; US 6418509 B1 20020709; US 6502205 B1 20021231; US 6587919 B2 20030701; US 6625705 B2 20030923; US 6647474 B2 20031111; US 7055059 B2 20060530; US 7073090 B2 20060704; US 7240238 B2 20070703; WO 9425919 A1 19941110

DOCDB simple family (application)
US 5203993 A 19930423; AU 6638094 A 19940420; DE 69426264 T 19940420; EP 94914223 A 19940420; JP 52436894 A 19940420; KR 19950704630 A 19951023; US 10076002 A 20020319; US 21349705 A 20050826; US 22413802 A 20020820; US 22419502 A 20020820; US 22421102 A 20020820; US 30512799 A 19990504; US 33071502 A 20021227; US 60173396 A 19960215; US 6170898 A 19980417; US 65451196 A 19960528; US 66560796 A 19960618; US 70981400 A 20001110; US 71121200 A 20001109; US 85170197 A 19970506; US 8586898 A 19980528; US 9404326 W 19940420